



## Sense<sup>IoT</sup> Locate S↔H↔I↔E↔L↔D Quuppa Compatible BLE Beacon

The Omni-ID Sense Shield BLE beacon can be used for contact tracing using highly accurate (sub 1 meter) personnel tracking. When a member of staff is found to be Covid-19 positive, the solution provides simple and reliable identification of personnel who have been in contact with the infected person, enabling organisations to quarantine select individuals avoiding the need to close down large operations. Furthermore, the device can be used to implement Social Distancing rule enforcement and warn members of staff when they are in breach of distance regulations. The system continuously monitors the position of personnel and when two or more persons are in breach of social distancing rules an audible alert is sounded on the device. The solution can be adapted to individual workplaces and tailored to local regulations.



### Applications

The Sense Locate – Shield device is ideal for aiding Social Distancing and enabling contact tracing:-



Ideal for the following Environments

- Hospitals
- Manufacturing facilities
- Warehouse Facilities
- Construction Yards
- Ports & Mines
- Transport Networks
- Commercial Kitchens

### Operational Specifications

Radio Protocol	Bluetooth 5.0, +4dBm to -20dBm NFC (Beacon configured via NFC)
Supported Profiles	Quuppa Profile
Battery Type	Replaceable CR2032
Battery Capacity	225 mAh, Up to 1.5 years, 1 beacon per sec.
Read Range	200 m+ depending on reading device
Alarm	Audible Alert Buzzer
Sensors	Programable Button, Accelerometer and temperature
Temperature Sensor Range	-20°C to +60°C with an accuracy of ± 2°C
Visual Indicator	Bi colour LED (Red & Green)
Operating Temperature	-20°C to +60°C
IP Rating	IP67
Certification	CE & FCC

### Product Option

Attachment	Lanyard or Belt Clip	Wearable device
		
Size (mm) LxWxH	50.1 x 44.5 x 13	44.5 Bezel Size
Size (in) LxWxH	1.97 x 1.75 x 0.51	2.2 x 1.75 x 0.56
Attachment Accessory available, Belt clip, Lanyard, Watch Strap		

